Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 04 Jul 2023 until 23:59 on Wednesday 05 Jul 2023

Forecast Issued on Tuesday 04 Jul 2023 at 02:49

Confidence: High for changeable conditions initially, and a transition to more settled weather later this week. Only moderate confidence in the shower and cloud details for the coming few days. Forecast should be monitored for changes.

Headline for Tuesday 04 Jul 2023: Sunny spells and scattered showers, perhaps heavy and thundery

Mountain weather hazards on Tuesday 04 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Light rain showers	Heavy rain showers	Thundery showers	Thundery showers
Precipitation probability					
40%	30%	40%	40%	30%	20%

Forecast for Tuesday 04 Jul 2023

Weather: Risk of isolated showers throughout the morning, most likely across the west of the Yorkshire Dales. Showers then breaking out across the area from late morning, perhaps becoming heavy and locally thundery by the late afternoon and may persist into the evening. Becoming generally cloudier throughout the day with a risk of cloud lowering into the afternoon.

Chance of cloud-free hill tops above 600m: 40% rising to 80%, then lowering to 40% again in the late afternoon.

Low Cloud and visibility: Banks of early low cloud affecting higher peaks during the morning, lowest bases likely to the west of the area where they may fall to around 400m at times. Bases lifting through the morning but may deteriorate in any heavy showers. Becoming generally cloudier through the afternoon with bases falling to perhaps around 500-600m for a time.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 04 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 W	20/28 W	19/26 SW	18/25 SW	15/21 W	11/16 W	7/11 W
300	11/23 W	14/26 W	13/25 SW	13/24 W	11/21 W	7/15 W	4/11 W
Valley	8/18 SW	11/23 SW	13/25 SW	11/22 SW	10/19 W	4/11 W	2/6 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	9/5	10/7	11/7	10/7	8/6	8/6
300	10/8	12/10	14/11	14/12	13/11	11/9	10/9
Valley	12/10	14/12	15/12	15/13	14/12	12/11	11/11
Freezing Level*	1700m	1700m	1800m	1800m	1900m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day of scattered showers and breezy conditions along the tops. Feeling chilly at height during the morning, particularly in any passing showers. Despite shower risk UV levels expected to be high during daylight hours.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 04 Jul 2023	9mm	14.8mm	19mm

Forecast for Wednesday 05 Jul 2023

Weather: Scattered showers expected throughout the day, some may be heavy but generally a lower risk of lightning compared to previous days. Showers then largely dissipating overnight.

Maximum wind: Westerly 17-20mph with gusts of 27-30mph

Chance of cloud-free hill tops above 600m: Westerly 17-20mph with gusts of 27-30mph

Low Cloud and visibility: Cloud bases mostly remaining above summits throughout the day, low risk of cloud temporary shrouding highest tops in any showers.

Temperature: **Valleys:** Plus 9 Celsius riding to Plus 15 Celsius
At 600m: Plus 7 Celsius riding to Plus 10 Celsius
Freezing level: Well above summits

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